

November 10, 2009

MEMORANDUM TO: Joseph Colaccino, Chief
EPR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Jason B. Carneal, Project Manager *IRA*
EPR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF THE AUGUST 6, 2009, PUBLIC MEETING TO DISCUSS
PATH FORWARD ON REALISTIC LARGE BREAK LOSS OF COOLANT
ACCIDENT METHODOLOGY

PARTICIPANTS: AREVA NP, INC., NRC STAFF, MEMBERS OF THE PUBLIC

On July 9, 2009, the U.S. Nuclear Regulatory Commission (NRC) held a public meeting in Room T-2B5 of the Two White Flint Building at NRC Headquarters in Rockville, MD, with representatives of AREVA NP, Inc. (AREVA). The purpose of the meeting was to discuss the path forward for ANP-10278P Revision 0, "U.S. EPR Realistic Large Break Loss of Coolant Accident Topical Report," which is available through the Agencywide Document Access and Management System (ADAMS) with Accession Number ML070880737. Documents in ADAMS are available electronically at the NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/adams.html>. If you do not have access to ADAMS or have problems accessing the documents located in ADAMS, contact the NRC Public Document Room (PDR) staff at 1-800-397-4209, 301-415-4737, or pdr@nrc.gov.

This meeting summary is also available in ADAMS document ML092870590. The presentation materials distributed at the meeting are contained in ADAMS ML092220236. The meeting agenda is provided as Enclosure 1 and attendees are identified in Enclosure 2.

The meeting was a Category 1 public meeting, during which members of the public were invited to provide comment at specific times identified in the agenda. The meeting was split into an open session which was open to the public and which lasted from 8:30 A.M. through 9:00 A.M. and a closed session, in which proprietary information was presented by AREVA and discussed with the staff. Both sessions contained information regarding topical report ANP-10278P. A summary of the public portion of the meeting is provided below.

Public Session: Introduction and Objectives

In the opening statements for the public session, NRC staff requested specific dates that additional information would be provided by AREVA concerning ANP-10278P. The staff stressed the need for frequent interactions to support the current review schedule. AREVA personnel agreed to provide specific dates for all submittals and interactions in relation to the remaining issues associated with ANP-10278P.

AREVA stated the objective during the meeting was to describe the proposed strategy that will be employed by AREVA regarding the remaining issues associated with ANP-10278P. These issues were identified in a previous public meeting on July 9, 2009, the summary and meeting slides of which are contained in ML092040158 and ML091910388, respectively. The overall AREVA strategy is to provide additional information in a revision to ANP-10278P that will reduce the magnitude of the penalties proposed by NRC staff in the July 9, 2009, public meeting. However, a secondary goal of the applicant's strategy was to preserve the review schedule for the U.S. EPR design certification.

Public Session: AREVA Proposed Approach to Address Outstanding Issues

AREVA personnel stated that a revision to Topical Report ANP-10278P would be submitted in January, 2010. AREVA personnel then related their internal requirements of the proposed approach. These goals reflect the strategy of the applicant in providing revisions to ANP-10278P, and any associated responses to requests for additional information (RAIs).

1. Any revisions made to ANP-10278P or other submitted information would not generate additional RAIs.
2. The proposed revisions and information provided should be consistent with feedback received from NRC staff in previous and future public meetings.
3. The revision should support the current U.S. EPR final safety analysis report (FSAR) Chapter 15 review schedule.
4. The additional information and revisions made to ANP-10278P concerning each outstanding issue would be submitted in order to reduce the magnitude of the associated penalties.

The need for a public meeting for NRC staff to review planned revisions of ANP-10278P was identified and tentatively planned for the November, 2009. Monthly interactions with NRC staff were also planned in order to keep NRC staff informed of the progress on the remaining issues. A follow-up audit on technical information was planned for mid-September 2009.

NRC staff inquired if the changes due to previous RAIs would be incorporated into Revision 2 of ANP-10278P. AREVA personnel confirmed that the revision would incorporate these changes, and presented a slide of incorporated changes to date. NRC staff also inquired if AREVA had performed work to better define the peak cladding temperature contributions from each of the issues identified in the July 9, 2009, public meeting. AREVA personnel stated that they were currently performing this work and would present results in a later meeting.

The floor was opened to the members of the public for comment prior to the close of the public portion of the meeting. There were no comments from the members of the public present.

As listed in the meeting notice, a closed session was held subsequent to the public portion of this meeting in order to cover material that was determined to be proprietary in nature by NRC staff. The issues covered included initial stored core energy, lower plenum refill and core flow oscillations, nitrogen injection, accumulator liquid temperature, and decay heat sampling. AREVA personnel presented technical information on the above topics and discussed this information with NRC staff. The closed portion of the meeting was adjourned at 4:00 P.M.

Members of the public were in attendance. No public feedback forms were received. Please direct any inquires concerning this meeting to Jason Carneal at 301-415-3813 or Jason.Carneal@nrc.gov.

Docket No. 52-020

Enclosures:
Meeting Agenda and Attendee List

cc: DCWG EPR Mailing List

Members of the public were in attendance. No public feedback forms were received. Please direct any inquires concerning this meeting to Jason Carneal at 301-415-3813 or Jason.Carneal@nrc.gov.

Docket No. 52-020

Enclosures:
Meeting Agenda and Attendee List

cc: DCWG EPR Mailing List

DISTRIBUTION:

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Summary: ML092870590

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OFFICE	DNRL/NARP:PM	DNRL/NARP:LA	DSRA/SRSB:BC	DNRL/NARP:PM
NAME	JCarneal	JMcLellan	JDonoghue	GTesfaye
DATE	10/14/09	10/09/09	10/21/09	11/10/09

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AGENDA

PUBLIC MEETING TO DISCUSS PATH FORWARD ON REALISTIC LARGE BREAK LOSS OF COOLANT ACCIDENT METHODOLOGY

August 6, 2009

<u>Time</u>	<u>Topic</u>	<u>Led by</u>
8:30 A.M.	Introductory remarks	NRC/AREVA
8:45 A.M.	Public Discussion of Path forward on U.S. EPR RLBLOCA Methodology	AREVA
9:15 A.M.	Opportunity for Public Comment*	NRC/AREVA
9:30 A.M.	Adjourn Public Meeting*	
Realistic Large Break Loss of Coolant Accident Methodology Proprietary Session		
9:45 A.M.	Discussion of Proprietary Issues and Content	AREVA
12:00 P.M.	Lunch	
1:00 P.M.	Discussion of Proprietary Issues and Content	AREVA
4:00 P.M.	Adjourn Closed Session	

Note: All times listed are approximate and for planning purposes only. Adjustments may be made during the meeting as necessary.

* *The public will be given opportunities to comment at these points in the meeting.*

ENCLOSURE 1

Attendance List

PUBLIC MEETING TO DISCUSS PATH FORWARD ON REALISTIC LARGE BREAK LOSS OF COOLANT ACCIDENT METHODOLOGY August 6, 2009

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(Revised 10/07/2009)

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